

Ivo Krummenacher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

5,516
citations

40
h-index

67
g-index

190
ext. papers

6,715
ext. citations

8.5
avg, IF

5.97
L-index

#	Paper	IF	Citations
172	Diboramacrocycles: reversible borole dimerisation-dissociation systems.. <i>Chemical Science</i> , 2022 , 13, 2932-2938	9.4	1
171	Hybrid Inorganic-Organic Cross-Metathesis between Diborenes and Acetylene. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18339-18345	16.4	3
170	Dithiophene-Fused Oxadiborepins and Azadiborepins: A New Class of Highly Fluorescent Heteroaromatics. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9290-9295	16.4	8
169	Dithiophene-Fused Oxadiborepins and Azadiborepins: A New Class of Highly Fluorescent Heteroaromatics. <i>Angewandte Chemie</i> , 2021 , 133, 9376-9381	3.6	0
168	Anionic Boron- and Carbon-Based Hetero-Diradicaloids Spanned by a -Phenylene Bridge. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3687-3692	16.4	8
167	Isolation of Neutral, Mono-, and Dicationic B P Rings by Diphosphorus Addition to a Boron-Boron Triple Bond. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13661-13665	16.4	4
166	Isolierung neutraler, mono- und dikationischer B ₂ P ₂ -Ringe durch Addition eines Diphosphans an eine Bor-Bor-Dreifachbindung. <i>Angewandte Chemie</i> , 2021 , 133, 13774-13779	3.6	1
165	Synthesis and Structure of an o-Carboranyl-Substituted Three-Coordinate Borane Radical Anion. <i>Chemistry - A European Journal</i> , 2021 , 27, 8159-8167	4.8	7
164	Rethinking Borole Cycloaddition Reactivity. <i>Chemistry - A European Journal</i> , 2021 , 27, 11226-11233	4.8	2
163	Rhodium-Mediated Stoichiometric Synthesis of Mono-, Bi-, and Bis-1,2-Azaborinines: 1-Rhoda-3,2-azaboroles as Reactive Precursors. <i>Chemistry - A European Journal</i> , 2021 , 27, 9503-9507	4.8	2
162	μ -Diamino--tetrafluoroquinodimethane: Stability of One- and Two-Electron Oxidized Species and Fixation of Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2021 , 86, 10467-10473	4.2	3
161	Reduction and Rearrangement of a Boron(II) Carbonyl Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2963-2968	16.4	11
160	Two derivatives of phenylpyridyl-fused boroles with contrasting electronic properties: decreasing and enhancing the electron accepting ability. <i>Dalton Transactions</i> , 2021 , 50, 355-361	4.3	2
159	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4833-4840	16.4	13
158	2- and 2,7-Substituted para-N-Methylpyridinium Pyrenes: Syntheses, Molecular and Electronic Structures, Photophysical, Electrochemical, and Spectroelectrochemical Properties and Binding to Double-Stranded (ds) DNA. <i>Chemistry - A European Journal</i> , 2021 , 27, 2837-2853	4.8	5
157	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie</i> , 2021 , 133, 4883-4890	3.6	2
156	Bismutamide als einfache Vermittler hochselektiver PnBn-Radikal-Kupplungsreaktionen (Pn=N, P, As). <i>Angewandte Chemie</i> , 2021 , 133, 6513-6518	3.6	2

155	Bismuth Amides Mediate Facile and Highly Selective Pn-Pn Radical-Coupling Reactions (Pn=N, P, As). <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6441-6445	16.4	12
154	Reduktion und Umlagerung eines Bor(I)-Carbonylkomplexes. <i>Angewandte Chemie</i> , 2021 , 133, 3000-3005	3.6	4
153	Bifuran-bridged bisboranes: highly luminescent B-doped oligoheteroarenes. <i>New Journal of Chemistry</i> , 2021 , 45, 14920-14924	3.6	1
152	Synthesis, structure and insertion reactivity of Lewis acidic 9-aluminafluorenes. <i>Dalton Transactions</i> , 2021 , 50, 10400-10404	4.3	
151	Unexpected formation of a dodecanuclear {CoII6CuII6} nanowheel under ambient conditions: magneto-structural correlations. <i>Dalton Transactions</i> , 2021 , 50, 12430-12434	4.3	2
150	One- and two-electron reduction of triarylborane-based helical donor-acceptor compounds. <i>Chemical Science</i> , 2021 , 12, 11864-11872	9.4	3
149	Reactivity of cyano- and isothiocyanatoborylenes: metal coordination, one-electron oxidation and boron-centred Brønsted basicity. <i>Chemical Science</i> , 2021 , 12, 7937-7942	9.4	2
148	Synthesis and reactivity of NHC-coordinated phosphinidene oxide. <i>Chemical Communications</i> , 2021 , 57, 9546-9549	5.8	0
147	Nitronyl Nitroxide Bifunctionalized Electron-Poor Chromophores: Synthesis of Stable Dye Biradicals by Lewis Acid Promoted Desilylation. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2447-2457	4.2	
146	Conjugated Bis(triarylboranes) with Disconnected Conjugation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 421-424	1.3	1
145	Ein neutrales Beryllium(I)-Radikal. <i>Angewandte Chemie</i> , 2021 , 133, 20944-20948	3.6	1
144	A Neutral Beryllium(I) Radical. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20776-20780	16.4	13
143	Bithiophene-Cored, mono-, bis-, and tris-(Trimethylammonium)-Substituted, bis-Triarylborane Chromophores: Effect of the Number and Position of Charges on Cell Imaging and DNA/RNA Sensing. <i>Chemistry - A European Journal</i> , 2021 , 27, 14057-14072	4.8	5
142	Boron-Doped β Oligo- and Polyfurans: Highly Luminescent Hybrid Materials, Color-Tunable through the Doping Density. <i>Macromolecules</i> , 2021 , 54, 7653-7665	5.5	1
141	Computationally Guided Molecular Design to Minimize the LE/CT Gap in D- π A Fluorinated Triarylboranes for Efficient TADF via D and π Bridge Tuning. <i>Advanced Functional Materials</i> , 2020 , 30, 2002064	15.6	23
140	Methylbismuth: an organometallic bismuthinidene biradical. <i>Chemical Science</i> , 2020 , 11, 7562-7568	9.4	17
139	Ring expansion of alumoles with organic azides: selective formation of six-membered aluminum-nitrogen heterocycles. <i>Chemical Science</i> , 2020 , 11, 5559-5564	9.4	6
138	Oxidation, Coordination, and Nickel-Mediated Deconstruction of a Highly Electron-Rich Diboron Analogue of 1,3,5-Hexatriene. <i>Angewandte Chemie</i> , 2020 , 132, 15847-15855	3.6	2

137	Well-Defined, Molecular Bismuth Compounds: Catalysts in Photochemically Induced Radical Dehydrocoupling Reactions. <i>Chemistry - A European Journal</i> , 2020 , 26, 14551-14555	4.8	25
136	Electronically Driven Regioselective Iridium-Catalyzed C-H Borylation of Donor-Acceptor Chromophores Containing Triarylboron Acceptors. <i>Chemistry - A European Journal</i> , 2020 , 26, 10626-10633	4.8	7
135	Highly Stable, Readily Reducible, Fluorescent, Trifluoromethylated 9-Borafluorenes. <i>Chemistry - A European Journal</i> , 2020 , 26, 12794-12808	4.8	22
134	Synthesis, Photophysical and Electronic Properties of Mono-, Di-, and Tri-Amino-Substituted Ortho-Perylenes, and Comparison to the Tetra-Substituted Derivative. <i>Chemistry - A European Journal</i> , 2020 , 26, 12050-12059	4.8	4
133	Reduction of a dihydroboryl cation to a boryl anion and its air-stable, neutral hydroboryl radical through hydrogen shuttling. <i>Chemical Science</i> , 2020 , 11, 551-555	9.4	12
132	N-Heterocyclic Carbene and Cyclic (Alkyl)(amino)carbene Complexes of Titanium(IV) and Titanium(III). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 281-291	2.3	8
131	Synthesis of Complex Boron-Nitrogen Heterocycles Comprising Borylated Triazenes and Tetrazenes Under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1065-1076	16.4	14
130	Visible-Light-Induced Ni-Catalyzed Radical Borylation of Chloroarenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18231-18242	16.4	22
129	Coligand role in the NHC nickel catalyzed C-F bond activation: investigations on the insertion of bis(NHC) nickel into the C-F bond of hexafluorobenzene. <i>Chemical Science</i> , 2020 , 11, 11009-11023	9.4	11
128	cAAC-Stabilized 9,10-diboraanthracenes-Acenes with Open-Shell Singlet Biradical Ground States. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19338-19343	16.4	24
127	One-pot, room-temperature conversion of dinitrogen to ammonium chloride at a main-group element. <i>Nature Chemistry</i> , 2020 , 12, 1076-1080	17.6	32
126	cAAC-stabilisierte 9,10-Diboraanthracene- σ -fenschalige Singulettbiradikale. <i>Angewandte Chemie</i> , 2020 , 132, 19502-19507	3.6	8
125	Phosphinoborylenes as stable sources of fleeting borylenes. <i>Chemical Science</i> , 2020 , 11, 11055-11059	9.4	6
124	Synthesis, Photophysical and Electronic Properties of New Red-to-NIR Emitting Donor-Acceptor Pyrene Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 438-453	4.8	17
123	Tuning phenoxy-substituted diketopyrrolopyrroles from quinoidal to biradical ground states through (hetero-)aromatic linkers. <i>Chemical Science</i> , 2020 , 12, 793-802	9.4	8
122	Oxidation, Coordination, and Nickel-Mediated Deconstruction of a Highly Electron-Rich Diboron Analogue of 1,3,5-Hexatriene. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15717-15725	16.4	8
121	An Iterative Divergent Approach to Conjugated Starburst Borane Dendrimers. <i>Chemistry - A European Journal</i> , 2020 , 26, 12951-12963	4.8	12
120	Lewis-Base Stabilization of the Parent Al(I) Hydride under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16954-16960	16.4	28

119	Synthesis, photophysical and electronic properties of tetra-donor- or acceptor-substituted -perylene displaying four reversible oxidations or reductions. <i>Chemical Science</i> , 2019 , 10, 7516-7534	9.4	26
118	Alkali-Metal Aminotroponimines: Selectivities and Equilibria in Reversible Radical Coupling of Delocalized π -Electron Systems. <i>Chemistry - A European Journal</i> , 2019 , 25, 11883-11891	4.8	7
117	Mono- and Dianion of a Bis(benzobuta)tetraazapentacene Derivative. <i>Chemistry - A European Journal</i> , 2019 , 25, 9840-9845	4.8	5
116	Bismuth Compounds in Radical Catalysis: Transition Metal Bismuthanes Facilitate Thermally Induced Cycloisomerizations. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12924-12929	16.4	27
115	The reductive coupling of dinitrogen. <i>Science</i> , 2019 , 363, 1329-1332	33.3	124
114	Synthesis and reduction chemistry of mixed-Lewis-base-stabilised chloroborylenes. <i>Chemical Science</i> , 2019 , 10, 5095-5103	9.4	15
113	Pseudodiborenes: hydride-bridged diboranes(5) as two-electron reductants of chalcogens. <i>Chemical Communications</i> , 2019 , 55, 9781-9784	5.8	5
112	A selective route to aryl-triphosphiranes and their titanocene-induced fragmentation. <i>Chemical Science</i> , 2019 , 10, 7859-7867	9.4	23
111	N-Heterocyclic Olefins as Electron Donors in Combination with Triarylborane Acceptors: Synthesis, Optical and Electronic Properties of D- π -A Compounds. <i>Chemistry - A European Journal</i> , 2019 , 25, 13777-13784	4.8	11
110	Luminescent Mono-, Di-, and Triradicals: Bridging Polychlorinated Triarylmethyl Radicals by Triarylaminos and Triarylboranes. <i>Chemistry - A European Journal</i> , 2019 , 25, 15463-15471	4.8	10
109	Dreifach koordiniertes Bor als Superdonor und -akzeptor für quadrupolare Nahinfrarot-Chromophore. <i>Angewandte Chemie</i> , 2019 , 131, 6516-6521	3.6	14
108	Near-Infrared Quadrupolar Chromophores Combining Three-Coordinate Boron-Based Superdonor and Superacceptor Units. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6449-6454	16.4	30
107	Preparation and Characterization of a π -Conjugated Donor-Acceptor System Containing the Strongly Electron-Accepting Tetraphenylborolyl Unit. <i>Chemistry - A European Journal</i> , 2019 , 25, 4707-4712	4.8	12
106	Synthesis and Reactivity of Bora- and Borata-Benzenes 2019 , 1-38		0
105	Eine neue Strukturklasse neutraler borhaltiger Diradikale verbrückt über zwei Kohlenstoffatome. <i>Angewandte Chemie</i> , 2019 , 131, 1857-1861	3.6	7
104	1,2,3-Diazaborinin: ein BN-Analogon des Pyridins durch Borol-Ringerweiterung mit einem organischen Azid. <i>Angewandte Chemie</i> , 2019 , 131, 344-348	3.6	8
103	1,2,3-Diazaborinine: A BN Analogue of Pyridine Obtained by Ring Expansion of a Borole with an Organic Azide. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 338-342	16.4	24
102	A New Class of Neutral Boron-Based Diradicals Spanned by a Two-Carbon-Atom Bridge. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1842-1846	16.4	17

101	Nitrogen fixation and reduction at boron. <i>Science</i> , 2018 , 359, 896-900	33.3	632
100	Synthesis, Photophysical, and Electrochemical Properties of Pyrenes Substituted with Donors or Acceptors at the 4- or 4,9-Positions. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3599-3606	4.2	35
99	Direct access to a cAAC-supported dihydrodiborene and its dianion. <i>Chemical Communications</i> , 2018 , 54, 4669-4672	5.8	23
98	DFT Studies on the Reactions of Boroles with Alkynes. <i>Chemistry - A European Journal</i> , 2018 , 24, 9612-9621	4.8	13
97	Stable Organic (Bi)Radicals by Delocalization of Spin Density into the Electron-Poor Chromophore Core of Isoindigo. <i>Chemistry - A European Journal</i> , 2018 , 24, 3420-3424	4.8	13
96	Boryl- and Silyl-Substituted Mixed Sandwich Compounds of Scandium. <i>Chemistry - A European Journal</i> , 2018 , 24, 2403-2409	4.8	8
95	Isolation of diborenes and their 90°-twisted diradical congeners. <i>Nature Communications</i> , 2018 , 9, 1197	17.4	41
94	Complexation and Release of N-Heterocyclic Carbene-Aminoborylene Ligands from Group VI and VIII Metals. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10524-10529	16.4	17
93	Borabicyclo[3.2.0]heptadiene: A Fused Bicyclic Isomer of Borepin. <i>Chemistry - A European Journal</i> , 2018 , 24, 15387-15391	4.8	10
92	Diboryldiborenes: π -Conjugated B Chains Isoelectronic to the Butadiene Dication. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10091-10095	16.4	23
91	Diboryldiborene: π -konjugierte B ₄ -Ketten isoelektronisch zum Butadien-Dikation. <i>Angewandte Chemie</i> , 2018 , 130, 10248-10252	3.6	12
90	Half-Sandwich Complexes of an Extremely Electron-Donating, Redox-Active π -Diborabenzene Ligand. <i>Journal of the American Chemical Society</i> , 2018 , 140, 848-853	16.4	24
89	Selective Photocatalytic C-F Borylation of Polyfluoroarenes by Rh/Ni Dual Catalysis Providing Valuable Fluorinated Arylboronate Esters. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17612-17623	16.4	87
88	Facile Synthesis of a Stable Dihydroboryl {BH} Anion. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15272-15275	16.4	16
87	Einfacher Zugang zum ersten stabilen {BH ₂ } ⁻ -Dihydroborylanion. <i>Angewandte Chemie</i> , 2018 , 130, 15493-15497	3.6	9
86	Isolation and Characterization of Crystalline, Neutral Diborane(4) Radicals. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10752-10755	16.4	8
85	Tetrabromtetraazapentacen: erhöhte Elektronenbeweglichkeit. <i>Angewandte Chemie</i> , 2018 , 130, 9688-9692	3.6	13
84	Bromination Improves the Electron Mobility of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9543-9547	16.4	32

83	Isolierung und Charakterisierung von kristallinen, neutralen Diboran(4)-Radikalen. <i>Angewandte Chemie</i> , 2018 , 130, 10912-10915	3.6	4
82	Selective one- and two-electron reductions of a haloborane enabled by a withdrawing carbene ligand. <i>Chemical Communications</i> , 2018 , 54, 9015-9018	5.8	7
81	Main-Group Metallomimetics: Transition Metal-like Photolytic CO Substitution at Boron. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1802-1805	16.4	111
80	Hole Transfer Processes in meta- and para-Conjugated Mixed Valence Compounds: Unforeseen Effects of Bridge Substituents and Solvent Dynamics. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6200-6209	16.4	33
79	Scope of the Thermal Ring-Expansion Reaction of Boroles with Organoazides. <i>Chemistry - A European Journal</i> , 2017 , 23, 8006-8013	4.8	29
78	Generierung einer kleinen HOMO-LUMO-Lücke und intramolekulare C-H-Borylierung durch Diboren-Anthracen-Orbitalinterkalation. <i>Angewandte Chemie</i> , 2017 , 129, 8122-8126	3.6	19
77	Synthesis and Trapping of Iminoboranes by M=B/C=N Bond Metathesis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7975-7979	16.4	26
76	Engineering a Small HOMO-LUMO Gap and Intramolecular C-H Borylation by Diborene/Anthracene Orbital Intercalation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8009-8013	16.4	38
75	From Borane to Borylene without Reduction: Ambiphilic Behavior of a Monovalent Silylisonitrile Boron Species. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11263-11267	16.4	34
74	Synthese und Nachweis von Iminoboranen durch M=B/C=N-Bindungsmetathese. <i>Angewandte Chemie</i> , 2017 , 129, 8084-8089	3.6	9
73	Dibora[2]ferrocenophan: ein carbenstabilisiertes Diboren in einer gespannten cis-Konfiguration. <i>Angewandte Chemie</i> , 2017 , 129, 907-911	3.6	23
72	Dibora[2]ferrocenophane: A Carbene-Stabilized Diborene in a Strained cis-Configuration. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 889-892	16.4	44
71	Abnormal Tin-Boron Exchange in the Attempted Synthesis of a Borylated Borole. <i>Chemistry - A European Journal</i> , 2017 , 23, 16167-16170	4.8	7
70	Vom Boran zum Borylen ohne Reduktion: ambiphiles Verhalten einer monovalenten Silylisonitril-Borverbindung. <i>Angewandte Chemie</i> , 2017 , 129, 11417-11421	3.6	22
69	Pyrene Molecular Orbital Shuffle-Controlling Excited State and Redox Properties by Changing the Nature of the Frontier Orbitals. <i>Chemistry - A European Journal</i> , 2017 , 23, 13164-13180	4.8	70
68	Preparation, Properties, and Structures of the Radical Anions and Dianions of Azapentacenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15968-15976	16.4	46
67	Das Radikalanion und Dianion von Tetraazapentacen. <i>Angewandte Chemie</i> , 2016 , 128, 10654-10657	3.6	9
66	Neutral Diboron Analogues of Archetypal Aromatic Species by Spontaneous Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11271-5	16.4	63

65	The Radical Anion and Dianion of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10498-501	16.4	27
64	Neutrale Dibor-Analoga von archetypischen aromatischen Verbindungen durch spontane Cycloaddition. <i>Angewandte Chemie</i> , 2016 , 128, 11441-11445	3.6	29
63	Erzeugung zweifach koordinierter Bor(I)-Einheiten durch Fragmentierung eines molekularen Tetra-Bor(I)-Quadrats. <i>Angewandte Chemie</i> , 2016 , 128, 14680-14684	3.6	32
62	Neutral zero-valent s-block complexes with strong multiple bonding. <i>Nature Chemistry</i> , 2016 , 8, 638-42	17.6	127
61	A Binuclear 1,1RBis(boratabenzene) Complex: Unprecedented Intramolecular Metal-Metal Communication through a B-B Bond. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7708-11	16.4	8
60	Formation of a stable radical by oxidation of a tetraorganoborate. <i>Chemical Communications</i> , 2016 , 52, 7005-8	5.8	5
59	Generation of Dicoordinate Boron(I) Units by Fragmentation of a Tetra-Boron(I) Molecular Square. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14464-14468	16.4	62
58	O,N,B-Containing eight-membered heterocycles by ring expansion of boroles with nitrones. <i>Chemical Communications</i> , 2015 , 51, 14513-5	5.8	34
57	Formation of BN Isosteres of Azo Dyes by Ring Expansion of Boroles with Azides. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6347-51	16.4	91
56	On the relation of energy and electron transfer in multidimensional chromophores based on polychlorinated triphenylmethyl radicals and triarylaminines. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11848-67	3.6	17
55	Electron Delocalization in Reduced Forms of 2-(BMes ₂)pyrene and 2,7-Bis(BMes ₂)pyrene. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6750-3	16.4	118
54	Synthesis of cyclic diborenes with unprecedented cis-configuration. <i>Chemical Communications</i> , 2015 , 51, 15917-20	5.8	52
53	Bor als Beraus starkes Reduktionsmittel: Synthese eines Bor- zentrierten Radikalanionen-Radikalkationen-Paares. <i>Angewandte Chemie</i> , 2015 , 127, 366-369	3.6	53
52	A theoretical study of the aromaticity in neutral and anionic borole compounds. <i>Dalton Transactions</i> , 2015 , 44, 6740-7	4.3	34
51	Boron as a powerful reductant: synthesis of a stable boron-centered radical-anion radical-cation pair. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 359-62	16.4	109
50	Electrochemical Behavior and Redox Chemistry of Boroles 2015 , 503-522		3
49	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13980-4	16.4	58
48	Ansa-bridged bis(benzene) titanium complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 11056-64	4.8	6

47	f-Block Ansa Complexes in the Solid State: [3]Thoro- and [3]Uranocenophanes. <i>Chemistry - A European Journal</i> , 2015 , 21, 9339-42	4.8	16
46	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie</i> , 2015 , 127, 14186-14190	3.6	27
45	Synthese BN-isosterer Verbindungen von Azofarbstoffen durch Ringerweiterung von Borolen mit Aziden. <i>Angewandte Chemie</i> , 2015 , 127, 6445-6449	3.6	41
44	Correlations and Contrasts in Homo- and Heteroleptic Cyclic (Alkyl)(amino)carbene-Containing Pt(0) Complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 12357-62	4.8	14
43	Ansa-Complexes of [Mn(η^5 -C ₅ H ₅)(η^6 -C ₆ H ₆)]: Preparation, Characterization, and Reactivity of [n]Manganoarenophanes (n=1, 2, 3). <i>Chemistry - A European Journal</i> , 2015 , 21, 14797-803	4.8	1
42	Ring Expansions of Boroles with Diazo Compounds: Steric Control of C or N Insertion and Aromatic/Nonaromatic Products. <i>Chemistry - A European Journal</i> , 2015 , 21, 17844-9	4.8	38
41	Von einem elektronenreichen Bis(boraketenimin) zu einem elektronenarmen Diboren. <i>Angewandte Chemie</i> , 2015 , 127, 4551-4555	3.6	48
40	From an electron-rich bis(boraketenimine) to an electron-poor diborene. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4469-73	16.4	84
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27	Diverse reactions of N-heterocyclic carbenes with an alkynylborane and isolation of a reactive zwitterionic borataallene. <i>Chemical Communications</i> , 2014 , 50, 97-9	5.8	22
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